

Receiving Report

Date: 16-11-9.

Batch No: 136089

Supplier: KIX

Dart P/O: 34230

Packing Slip: Yes ☒ No ☐

Release Note Attached: Yes ☒ No ☐ N/A ☐

Invoice: Yes ☒ No ☐

Waybill Attached: Yes ☒ No ☐ N/A ☐

Receipt: Cash ☐ Cr ☒

Shipment Complete: Yes ☒ No ☐ N/A ☒

New Supplier Yes ☐ No ☒

QC18 Inspection ☐ N/A ☒

Work Order ☐ N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver

QC12

SP

Production/Admin:

Date

Location

Received/Costing

Initial



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO34230**

Purchase Order Date 11/8/2016

PO Print Date 11/8/2016

Page Number 1 of 2

Order From :
KLX INC.
88289 EXPEDITE WAY
CHICAGO, IL 33172
USA

VU-KLX01

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

NOV 08 2016

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	305-925-2600	Customer POID	
		Customer Tax #	10127-2607
Ship To Contact		Terms	Net 30
Ship To Phone		Currency	USD
Ship Via:	FedEx Overnight collect	FOB	Destination-Collect
Ship Acct:			

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	MS17984-C416	Quick Release Pin	11/9/2016 Yes 11/9/2016	FN	4.00 Each	\$15.50	\$62.00
Line Total:							\$62.00
2	AN5C15A	Bolt	11/9/2016 Yes 11/9/2016	FN	20.00 Each	\$1.20	\$24.00
Line Total:							\$24.00

DAS
26
9-89

NOV 09 2016

Note:

11/8/2016

FACE

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO34230

Purchase Order Date 11/8/2016

PO Print Date 11/8/2016

Page Number 2 of 2

Order From :	VU-KLX01	Ship To :	DART AEROSPACE LTD
KLX INC.		1270 ABERDEEN	
88289 EXPEDITE WAY		HAWKESBURY, ON K6A 1K7	
CHICAGO, IL 33172		CANADA	
USA			

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	305-925-2600	Customer POID	
		Customer Tax #	10127-2607
Ship To Contact		Terms	Net 30
Ship To Phone		Currency	USD
Ship Via:	FedEx Overnight collect	FOB	Destination-Collect
Ship Acct:			

3	71401-45	PROCUREMENT QUALITY CLAUSES	11/9/2016	1.00		\$0.00	\$0.00
---	----------	--------------------------------	-----------	------	--	--------	--------

No

11/9/2016

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 PUBLIC LAW 101-592 FASTENER QUALITY ACT
A033 STATEMENT OF CONFORMITY/TEST RECORDS
FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A043 RETENTION OF QUALITY DOCUMENT

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Line Total: \$0.00

PO Total: \$86.00

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 11/8/2016



Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXAerospace.com
Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001
Wire Instructions: KLX Inc. • JPMorgan Chase Bank New York
ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

INVOICE NUMBER

J7KEX2

PAGE 1 OF 2

SOLD TO:

002409
DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7



SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

ORDER NO.		DATE	SHIP VIA	TERMS		SHIPPING TERMS	
PO34230		11/08/16	FEDX INTL P1 COLL	NET 30		FOB-MIAMI	
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION	PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
1	4	MS17984C416 TARIFF: 7318.29.0000 SCHEDULE B: 7318.24.0000 Description QUICK RELEASE PIN ECCN :EAR99 MFR: AVIBANK MFG. CTRL#: 2014K10778 LOT#: 1474280 LOT QTY: 4 Country of Origin USA	15.500	EA	0	4	62.00
2	20	AN5C15A TARIFF: 7318.15.8085 SCHEDULE B: 7318.15.2000 Description BOLT ECCN :EAR99 MFR: MAC FASTENERS CTRL#: 2015J09229 LOT#: 78506 LOT QTY: 20 Country of Origin USA **REF: AN5C15A **CUST PN: AN5C15A These items are controlled by the U.S. Government and authorized for export only to the country of of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s),	1.200	EA	0	20	24.00

NOV 08 2016

DAS
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9-89

MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.

NOV 08 2016

DAS
26
9-89

MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE.

SHIPPED FROM: 10000 NW 15 TERRACE, MIAMI, FL 33172

MATERIAL CERTIFICATION: KLX INC. ("KLX AEROSPACE SOLUTIONS") WARRANTS THAT THE ITEMS SUBJECT OF THIS INVOICE WILL BE FREE FROM DEFECTS OF MATERIAL AND WORKMANSHIP AND, AS SET FORTH ON THE MATERIAL CERTIFICATION FORM ACCOMPANYING THE ITEMS SUBJECT OF THIS INVOICE, ARE IN CONFORMITY WITH ALL CURRENT GOVERNMENT REQUIREMENTS AND THE SPECIFICATIONS OF THE RESPECTIVE MANUFACTURERS. KLX AEROSPACE SOLUTIONS DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE. THE LIABILITY OF KLX AEROSPACE SOLUTIONS IS EXPRESSLY LIMITED EXCLUSIVELY TO REPLACEMENT BECAUSE OF A DEFECT IN MATERIAL OR WORKMANSHIP SUCH REPLACEMENT SHALL OF ANY ITEM WHICH IS REJECTED CONSTITUTE SATISFACTION OF ALL LIABILITY KLX AEROSPACE SOLUTIONS MAY HAVE IN CONNECTION WITH SUCH ITEM, WHETHER LIABILITY IS BASED UPON CONTRACT RIGHTS, NEGLIGENCE, OR OTHERWISE, AND IN NO EVENT SHALL KLX AEROSPACE SOLUTIONS BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. FURTHER, KLX AEROSPACE SOLUTIONS MUST BE NOTIFIED OF A REJECTION OF AN ITEM WITHIN 30 DAYS AFTER RECEIPT BY THE CUSTOMER.

PACKING SLIP

Vice President of Quality

BY RECEIVING DELIVERY OF THE ITEMS COVERED BY THIS PACKING SLIP, BUYER AGREES TO THE TERMS AND CONDITIONS OF SALE AT:
<http://www.KLXAerospace.com/conditions-sale/>





Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXAerospace.com
Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001
Wire Instructions: KLX Inc. • JPMorgan Chase Bank New York
ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

INVOICE NUMBER

J7KEX2

PAGE 2 OF 2

SOLD TO:

002409
DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7



SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

ORDER NO.		DATE	SHIP VIA	TERMS	SHIPPING TERMS		
PO34230		11/08/16	FEDX INTL P1 COLL	NET 30	FOB-MIAMI		
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION	PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
		either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations. Ultimate Destination DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON K6A 1K7 CANADA *** SHIPPED 1 CTN *** # 1=CTN 3.00 Lb / 1.36 Kg 710039338241 FREIGHT ACCT# 15179324-0					
INVOICE#.....: J7KEX2					SUBTOTAL : 86.00		
ORDER#.....: AJRN93					HANDLING : 0.00		
CONSOLIDATE#..: 1ESMVB					DISC/ALL : 0.00		
					INCM FRT : 0.00		
					FREIGHT : 0.00		
					TOTAL : 86.00USD		
					U.S. CURRENCY		
rod	AJRN93	SHIPPED ON 11/08/16					

MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE.

SHIPPED FROM: 10000 NW 15 TERRACE, MIAMI, FL 33172

MATERIAL CERTIFICATION: KLX INC. ("KLX AEROSPACE SOLUTIONS") WARRANTS THAT THE ITEMS SUBJECT OF THIS INVOICE WILL BE FREE FROM DEFECTS OF MATERIAL AND WORKMANSHIP AND, AS SET FORTH ON THE MATERIAL CERTIFICATION FORM ACCOMPANYING THE ITEMS SUBJECT OF THIS INVOICE, ARE IN CONFORMITY WITH ALL CURRENT GOVERNMENT REQUIREMENTS AND THE SPECIFICATIONS OF THE RESPECTIVE MANUFACTURERS. KLX AEROSPACE SOLUTIONS DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE. THE LIABILITY OF KLX AEROSPACE SOLUTIONS IS EXPRESSLY LIMITED EXCLUSIVELY TO REPLACEMENT BECAUSE OF A DEFECT IN MATERIAL OR WORKMANSHIP SUCH REPLACEMENT SHALL OF ANY ITEM WHICH IS REJECTED CONSTITUTE SATISFACTION OF ALL LIABILITY KLX AEROSPACE SOLUTIONS MAY HAVE IN CONNECTION WITH SUCH ITEM, WHETHER LIABILITY IS BASED UPON CONTRACT RIGHTS, NEGLIGENCE, OR OTHERWISE, AND IN NO EVENT SHALL KLX AEROSPACE SOLUTIONS BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. FURTHER, KLX AEROSPACE SOLUTIONS MUST BE NOTIFIED OF A REJECTION OF AN ITEM WITHIN 30 DAYS AFTER RECEIPT BY THE CUSTOMER.

PACKING SLIP

Vice President of Quality

BY RECEIVING DELIVERY OF THE ITEMS COVERED BY THIS PACKING SLIP, BUYER AGREES TO THE TERMS AND CONDITIONS OF SALE AT:
<http://www.KLXAerospace.com/conditions-sale/>





CONSOLIDATION

1ESMVB

PAGE 1



Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXaerospace.com
Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001
Wire Instructions: KLX Inc. • JPMorgan Chase Bank New York
ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

SEND TO ACCOUNTING

SOLD TO:

002409

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

ORDER NO. See Below		DATE 11/08/2016	SHIP VIA FEDX INTL P1 COLL	TERMS NET 30	SHIPPING TERMS FOB-MIAMI			
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION		PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
1		INVOICE# CUST P/O FED. TAX# 47-163-9172 J7KEX2 PO34230 ***CONSOLIDATION SUMMARY PAGE ONLY SHIPPED ON 11/08/2016						
rod								

DAS
26
9-89
NOV 09 2016

MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE.

PACKING SLIP

BY RECEIVING DELIVERY OF THE ITEMS COVERED BY THIS PACKING SLIP, BUYER AGREES TO THE TERMS AND CONDITIONS OF SALE AT:
<http://www.KLXaerospace.com/conditions-sale/>



Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXAerospace.com
Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001
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ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

INVOICE NUMBER

J7KEX2

PAGE 1 OF 2

SOLD TO:

002409
DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7



ORDER NO.		DATE	SHIP VIA	TERMS		SHIPPING TERMS	
PO34230		11/08/16	FEDX INTL P1 COLL	NET 30		FOB-MIAMI	
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION	PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
1	4	MS17984C416 QUICK RELEASE PIN ECCN :EAR99 Country Origin: USA TARIFF: 7318.29.0000 SCHEDULE B: 7318.24.0000 MFR: AVIBANK MFG. CTRL# : 2014K10778 LOT# : 1474280 LOT QTY: 4	15.500	EA	0	4	62.00
2	20	AN5C15A BOLT ECCN :EAR99 Country Origin: USA TARIFF: 7318.15.8085 SCHEDULE B: 7318.15.2000 MFR: MAC FASTENERS CTRL# : 2015J09229 LOT# : 78506 LOT QTY: 20 **REF: AN5C15A **CUST PN: AN5C15A <i>These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated</i>	1.200	EA	0	20	24.00
CONTINUED							
MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.							

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE.

SHIPPED FROM: 10000 NW 15 TERRACE, MIAMI, FL 33172

ORIGINAL INVOICE

BY RECEIVING DELIVERY OF THE ITEMS COVERED BY THIS INVOICE, BUYER AGREES TO THE TERMS AND CONDITIONS OF SALE AT:
<http://www.KLXAerospace.com/conditions-sale/>



PAGE 2 OF 2

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE.

Form 22 Rev 1.0

MACFASTENERS, INC.

Packing List

Bill KLX INC.

To: 10000 NW 15th Terrace
Miami, FL 33172
United States

Ship KLX Aerospace Solutions

To: 9835 NW 14th St
Miami, FL 33172
United States

Shipment No: 71486
Shipment Date: 09/30/15
Ship Via: Federal Express
Order Number: 54037
Order Date: 02/26/15

Customer Code: KLX
Phone: (305) 925-2600
PO Number: 0ZZNE53
Terms: Net 30 Days

LOT #78506

<u>Item</u>	<u>Quantity</u>					<u>Unit</u>	<u>Description</u>	<u>Revision</u>	<u>Job Number</u>
	<u>Open</u>	<u>Shipped</u>	<u>Back Ord</u>	<u>Canceled</u>					
1	10,000	9,797	0	203	M	AN5C15A Bolt, machine-- Aircraft			78506

Packing Clerk's Initials
MACFASTENERS, INC.

Received In Good Order By
KLX Aerospace Solutions

MAC FASTENERS, INC.
1110 ENTERPRISE
OTTAWA, KANSAS 66067

**CERTIFICATE OF CONFORMANCE
AND
MANUFACTURER'S AFFIDAVIT**

CUSTOMER: KLX AEROSPACE SOLUTIONS

PO: 0ZZNE53

PART NUMBER: AN5C15A

REV: 3

LOT NUMBER: 78506

MANUFACTURED QUANTITY: 11,000

MILL HEAT NUMBER: 574297

COUNTRY OF ORIGIN: UNITED STATES OF AMERICA

DFARS 252.225.7009 Compliant


MERCURY FREE CERTIFICATION

MacFasteners certifies that the parts referenced in the above lot number do not contain Mercury or Mercury compounds, and were manufactured in a Mercury free environment.

We certify that the parts furnished against the above referenced purchase order were manufactured by MAC FASTENERS within the United States, and were processed in accordance with all applicable drawings and specifications. Objective evidence of compliance is on file, subject to examination upon request.

Mac Fasteners is a DISC QSLM approved Manufacturer - CAGE Code 0RFT4
Mac Fasteners is an Airbus approved Supplier - 203399

DATE: 06/11/15


QUALITY ASSURANCE REPRESENTATIVE

*** DEARS *** CERT-Q13-P-***



AVIBANK
MFG. INC.

AEROSTRUCTURES DIVISION, A PCC COMPANY

11500 SHERMAN WAY • NORTH HOLLYWOOD, CA 91605

PHONE: (818) 392-2100 • FAX: (818) 255-2094

No ozone depleting substances used in processes.

CERTIFICATE OF CONFORMANCE

SHIPPER

DATE SHIPPED

11/05/14

PAGE	OF	DATE ENTERED	SALES ORDER NO.
1	2	09/30/14	734931-3715

B 103866
I B/E AEROSPACE, INC. (MIAMI)
L 10000 N.W. 15TH TERRACE
L
T MIAMI, FL
O USA 33172

S B/E AEROSPACE CONSUMABLE MGMNT
H 9835 NW 14TH ST
P
T MIAMI, FL
O USA 33172

CUSTOMER ORDER NO. 0ZXB35				CONTRACT NUMBER				RATING		ORDERED BY PEARLINE FOS		REC'D BY ARE		TERRITORY NO. 124	
P/S		CERT	INV	DO-250 REQ'D	PRES PREP REQ'D	RESALE OR TAX	VAR %	TYPE OF INSPECTION			TERMS NET 30			FREIGHT NOHO/COLLECT	
0		1	1	3	N	N	R								
SHIPPED VIA SEE BELOW															
ITEM NO.	NO. SHIPPED UNITS			PART NUMBER / DESCRIPTION								NO. BACKORDERED			
001	250 E			*** 3 LOT MAX *** IF OVER 150 LBS SHIP FED EX FREIGHT ECONOMY ACCT# 30017 IF UNDER 150 LBS SHIP FED EX GROUND ACCT# 0331-0149-0 QAP 33.0 REV K 05-02-2014 CLAUSE A.3 GENERAL TERMS - AP CLAUSES A,A.1,B,C,E,H,P,U,V APPLY DFAR- 252.225-7009 CHGE ISSUED TO CHANGE DELIVERY DATE - AR 10/8/2014 BLC4BA16S MS17984C416 5315-00-904-1672 SHIP#: 1 QTY : 250 LOT:1474280 AREA : AISLE : SEC:								0			
1.1	1 L			270-CERT Q-13P CHEM & PHYS CERT 001 SHIP#: 1 QTY : 1 LOT: AREA : AISLE : SEC:								0			
<div style="text-align: center; font-size: 2em; opacity: 0.5; transform: rotate(-15deg);"> CONFIDENTIAL </div>															
PULLED BY		SHIPPED BY		SHIP VIA		DATE SHIPPED		WAYBILL/OTHER INFO.				NO. OF PKGS.		WEIGHT	
[Signature]		[Signature]		[Signature]		11-7-14						1			

We hereby certify that all materials used in the manufacture of parts covered by this report conform to the material specifications called for by the above purchase order. We further certify that the parts are manufactured in accordance with applicable drawings or specifications current on the date on which the order was placed. Test reports covering materials in these parts, and indicating conformance with applicable specifications, are on file and subject to examination. No ozone depleting substances were used in processes. Parts are mercury free of contamination.

WI-14-AMS-004 REV:NC

AVIBANK MFG., INC.

BY: [Signature] AUTHORIZED QUALITY CONTROL REPRESENTATIVE

** DEARS ** ** CERT-Q13-P-**



AVIBANK
MFG. INC.
AEROSTRUCTURES DIVISION, A PCC COMPANY

11500 SHERMAN WAY • NORTH HOLLYWOOD, CA 91605

PHONE: (818) 392-2100 • FAX: (818) 255-2094

No ozone depleting substances used in processes.

CERTIFICATE OF CONFORMANCE

SHIPPER

DATE SHIPPED

11/05/14

PAGE	OF	DATE ENTERED	SALES ORDER NO.
2	2	09/30/14	734931-3715

B 103866
I B/E AEROSPACE, INC. (MIAMI)
L 10000 N.W. 15TH TERRACE
L

T MIAMI, FL
O USA 33172

S B/E AEROSPACE CONSUMABLE MGMNT
H 9835 NW 14TH ST
I
P

T MIAMI, FL
O USA 33172

CUSTOMER ORDER NO. 0ZXB35				CONTRACT NUMBER				RATING		ORDERED BY PEARLINE FOS		REC'D BY ARE		TERRITORY NO. 124	
0	1	1	3	N	N	R			TERMS NET 30		FREIGHT NOHO/COLLECT				
SHIPPED VIA SEE BELOW															
ITEM NO.		NO. SHIPPED		UNITS		PART NUMBER / DESCRIPTION						NO. BACKORDERED			
						<p>TO OUR VALUED CUSTOMERS A RETURN MATERIAL AUTHORIZATION (RMA) NUMBER IS REQUIRED FOR ALL PRODUCTS RETURNED TO AVIBANK TO REQUEST A RMA NUMBER CONTACT YOUR AVIBANK SALES ASSOCIATE AT 818/392-2100</p> <p>THESE COMMODITIES WERE EXPORTED FROM AVIBANK MFG., INC. IN ACCORDANCE WITH EXPORT ADMINISTRATION REGULATIONS OR INTERNATIONAL TRAFFIC IN ARMS REGULATIONS. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED. COMPLIANT WITH DFARS 252.225.7014 ALT 1</p>									
PULLED BY am		SHIPPED BY KR		SHIP VIA Fedex		DATE SHIPPED 11/7/14		WAYBILL/OTHER INFO.				NO. OF PKGS.		WEIGHT	

We hereby certify that all materials used in the manufacture of parts covered by this report conform to the material specifications called for by the above purchase order. We further certify that the parts are manufactured in accordance with applicable drawings or specifications current on the date on which the order was placed. Test reports covering materials in these parts, and indicating conformance with applicable specifications, are on file and subject to examination. No ozone depleting substances were used in processes. Parts are mercury free of contamination.

WI-14-AMS-004 REV:NC

AVIBANK MFG., INC.

BY: *[Signature]*
AUTHORIZED QUALITY CONTROL REPRESENTATIVE



AV BANK

AEROSTRUCTURES DIVISION, A PCC COMPANY

11500 SHERMAN WAY • NORTH HOLLYWOOD, CA 91605

PHONE: (818) 392-2100 • FAX: (818) 255-2094

CERTIFIED TEST REPORT

1 of 1

CUSTOMER: B/E AEROSPACE, INC. (MIAMI)

SHOP ORDER NO./WORK ORDER NO.: 1474280

CUSTOMER P/N: MS17984C416

CUSTOMER P.O.: 0ZXB35

QTY. SHIPPED: 250

AVIBANK P/N: BLC4BA16S RV.N

PART NAME: S/A STANDARD

PROCUREMENT SPEC: NAS1332

BODY WO.: 1474665

QTY. MFG'D: 254


PROCESS	PROCESSOR	TYPE/CLASS	SPECIFICATION
ANODIZE	K & L ANODIZING CORP. BURBANK, CA.	II/2	MIL-A-8625 'F'
HEAT TREAT	AVIBANK MFG., INC., NO. HOLLYWOOD, CA.	CH900	AMS2759 'E'
HEAT TREAT	AVIBANK MFG., INC., NO. HOLLYWOOD, CA.	HRC 40 MIN	AMS2759 'E'
PASSIVATE	AVIBANK MFG., INC., NO. HOLLYWOOD, CA.	2	AMS2700 'E'

NO.	* BOLT TENSILE (LBS.)	TORQUE (IN LBS.)	* RETAINING DEVICE TENSILE (LBS.)	(** SHEAR (LBS.)
1.	N/A	N/A	252 NF	10,100
2.	N/A	N/A	247 NF	10,101
3.	N/A	N/A	255 NF	10,100
4.				
5.				
REQT.	N/A MIN.	N/A MIN.	230 MIN.	9,200 MIN.

* BF = BALL HOLE FAILED. * TF = THREADS FAILED. * NF = NO FAILURE. ** (S) = SINGLE SHEAR. ** (D) = DOUBLE SHEAR.

OTHERS: THESE PARTS WERE LAB TESTED PER 'NAS' REQTS AND FOUND ACCEPATBLE.
SALES ORDER NO. 734931-3715.

AVIBANK MFG., INC. CERTIFIES THAT THE PARTS LISTED ABOVE WERE MANUFACTURED IN COMPLIANCE WITH YOUR PURCHASE ORDER. ALL TEST AND INSPECTION REPORTS ARE ON FILE AT AVIBANK FOR VERIFICATION.

AUTHORIZED SIGNATURE:  MICHAEL SERVERA Q.C CLERK

WI-03-CTR-005 rev NC



DATE: 11/06/14

Job # 3204



FAST LANE PRECISION

Certificate of Conformance

Customer: Avibank MFG

Part Number: 16-4C

Rev: AC

Description: Shoulder Ring

Heat Number: K3M7

Order Quantity: 50000

Material Number: C1857

Customer Purchase Order: 762285

Remarks

CERT REVIEW	
MAIN LOT #	1474280
COMPONENT LOT #	KB40232
NAME	SHOULDER RING
CLERK:	---

Parts were manufactured from documented work instructions, using approved suppliers and processors. All components have been inspected and approved with inspection and certification on file at our facility.

Quality Assurance Representative

Date

1 July 14



JUL 02 2014

145 2146

C1857

NORTH AMERICAN
STAINLESS

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 900449 01 Mail To:
SUMMIT STAINLESS STEEL, LLC.
2801 ELIZABETH STREET
NORTH BRUNSWICK NJ 08902

Ship To:
SUMMIT STAINLESS STEEL, LLC.
9839 GRANT AVENUE
SANTA FE SPRINGS CA 90670

Date: 12/16/2013 Page: 1 OF 1
Steel: 303
Finish: Cold Draw
Dia/Thk: .4062 in
Log Length:
Length: 144.00 in
Corrosion:

Customer: 0370 003

NAS Order: LP 10261 1

Your Order: NA32718

Item Code:

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
ASTM A582/12 EN 10204 3.1, ASTM A484/11
AMS 5640U TYPE 1, QQS-7542 CONDITION A
SOLUTION ANNEAL TEMP 1900F MIN

REMARKS:

COMPLIES W/REQUIREMENTS OF DPMR 252.225-7008 EU DIRECTIVE
2011/65/EU. RoHS. EAF+ACD+CC. NO WELD REPAIR. MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight
BF95206	1005								

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Chemical Analysis per ASTM A751/08

Heat	Supplier #	CM	C %	CO %	CR %	CU %	HN %	MO %	N %	NI %	P %	S %
K3K7		US	.037	.15	17.07	.34	1.82	.32	.044	8.38	.030	.3495
			SI %									
			.37									

MECHANICAL PROPERTIES

	1/2 o i f r	HB No.	.2YS KSI	UTS KSI	RA %	Ring % 2"
BF95206	R L	201.0	79.61	111.36	44.26	36.63

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS

Technical
Dept. Mgr.

ERIC HESS

M.D. 2/18/14

1452146

JUL 02 2014





1901 N. Narragansett Ave. • Chicago, Illinois 60639
 773/804.0404 • Fax 773/804.0408
 www.industeel.com
 An ISO 9001 Certified Company

05/22/14

ISW Order/Invoice Number: 188441-00

SOLD TO: A9990
 AVIBANK MFG. CO.

SHIP TO: A9991
 AVIBANK MFG. CO.
 11500 SHERMAN WAY

P.O. BOX 9909
 NO HOLLYWOOD CA 91609

NO. HOLLYWOOD, CA 91605

CUSTOMER PO: 761966

085017BT

.0850"17-7 PH STAINLESS COND C CNT CLS ✓

WEIGHT: 420

HEAT NUMBER: E131373

CHEMISTRIES

C ✓ .087	Mn ✓ .880	P ✓ .026	S ✓ .001	Si ✓ .280	Cr ✓ 16.620	Ni ✓ 7.540	Al ✓ .942
Mo ✓ .200	Cu ✓ .293	N ✓ .022					

PHYSICAL PROPERTIES

TENSILE: 256051C 320470CH

TORSIONS:

ROCKWELL #1:
 ROCKWELL #2:

BENDS:
 SALT SPRAY HOURS:
 COATING WEIGHT:
 GRAIN SIZE:

YIELD STRENGTH:
 ELONGATION:
 REDUCTION OF AREA:

*** SPECIFICATIONS ***
 ASTM A313-13
 AMS 5678F ✓

**** MERCURY FREE ****

TARIFF: 7223.00
 NAFTA:

MELT: GB UNITED KINGDOM
 ORIG: GB UNITED KINGDOM ✓
 MILL: SIRI WIRE COMPANY
 DFAR: Y
 ROHS: Y

CERT REVIEW

MAIN LOT #
 1474280
 COMPONENT LOT #
 KB40222
 NAME
 RING

Ray Domingo
 Ray Domingo, Quality Control Manager

The values and specifications herein are passed through from the manufacturer directly to the customer.
 Please see reverse side or www.industeel.com for all Terms and Conditions of Sale.
 Material Properties Sheet 70403-MPS Version 1 Approved by BF 11/20/12

CLERK:

Certified Inspection Report

04/04/14
07:07:37

Alcoa Inc.
Massena Operations
Park Avenue East, Massena, NY 13662



CERT REVIEW

Customer **Bralco Metals** Customer P.O. No. **43-116287** Customer Part No. **Alcoa Order No. MMC-B0655-002** Govt. Contract No.

Ship To **Bralco Metals**
15090 Northam St
La Mirada, CA 90638

We hereby certify that the material covered in this report has been inspected in accordance with, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, or as previously agreed to with customer and that samples representative of the material met the composition limits and have the mechanical properties shown on the face of this sheet. Manufactured under an ISO/TS 16949 registered quality management system. Melted and manufactured in the USA.

James E. Samuel II
James E. Samuel II, Quality Assurance Manager

Date Shipped **04/03/14** Weight Shipped **1,051 lbs** Product **CFRB-SMS-ROD DIA. X 12 FT** BOL **000161910**
Alloy - Temper **2024-T351** Size **0.81250 IN** Shape **DIA** Config **12 FT** QRR

Specifications:

AMS 4120R (Exempt Marking)
AMS-QQ-A-225/6A
Material conforms to T4 requirements
QQ-A-225/6E (1)
ASTM B211-12E1

Product produced and marked to the requirements of AMS-QQ-A-225/6 also meets the requirements of QQ-A-225/6.
Product produced and marked to the requirements of QQ-A-225/6 also meets the requirements of AMS-QQ-A-225/6.

**THIS METAL HAS NOT BEEN
EXPOSED TO MERCURY OR MERCURY
CONTAINING COMPOUNDS WHILE IN THE
POSSESSION OF BRALCO METALS**

TEST REQUIREMENTS		Test	Test	Test	Test	Test	Test	Test	Test	Test
		U.T.S.	T.Y.S.	%Elong						
Max:										
Min:		62.0	45.0	16.0						

Test Results		Test	Test	Test	Test	Test	Test	Test	Test	Test
Lot / Work Order		U.T.S.	T.Y.S.	%Elong						
MA20140207	5									
Max:		68.9	50.4	20.0						
Min:		67.5	48.4	20.0						

When 2 or more tests per lot are made, the highest and lowest values are reported.
Analysis obtained from one or more samples in this lot.

TEST ABBREVIATIONS

U.T.S. Ultimate Tensile Strength KSI		T.Y.S. Tensile Yield Strength KSI .2% offset								%Elong		Elongation % in 2"		
Aluminum Association Chemical Composition Limits (in Weight %)														
		%SI	%FE	%CU	%MN	%MG	%CR	%ZN	%TI	%Others	%Others	%AL		
ALLOY	MAX	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15	0.05	0.15	Rem		
2024	MIN			3.8	0.30	1.2				Each	Total			

Actual Started Chemistry

LOT/WORK ORDER		%SI	%FE	%CU	%MN	%MG	%CR	%ZN	%TI	%OE	%OT	%AL
MA20140207	MAX	0.05	0.23	4.5	0.64	1.5	0.01	0.01	0.02	LT 0.05	LT 0.15	Rem
	MIN	0.05	0.23	4.5	0.64	1.5	0.01	0.01	0.02			

NOTES:

Material compliant with DFARS 252.225-7001 (Buy American Act)
Mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product.
This alloy meets the requirements of EU 2011/65/EC (RoHS) and EU 2000/53/EC for lead, mercury, cadmium and hexavalent chromium.



Q. C. Review
Sig. *Nancy*
Date *6/6/14*

Lot#1444082

Page 1

MAIN LOT # 1474280

COMPONENT LOT # 1441438

NAME

BUTTON HANDLE

Sold to: AVIBANK MFG., INC. PO: 762222 Part: Order No.: 5409559

TR clerk signature:

Angel Tinajero

Certified Inspection Report

DA/DA/14
07:07:37

Alcoa Inc.
Massena Operations
Park Avenue East, Massena, NY 13662



Customer
Bralco Metals

Customer P.O. No.
43-116287

Customer Part No.

Alcoa Order No.
MMC-B0655-002

Govt. Contract No.



Q. C. Review

Sig. *Nancy*

Date *6/6/14*

Lot#1444082

Sold to: AVIBANK MFG., INC. PO: 762222 Part: Order No.: 5409559

TR clerk signature:

Angelina

B I L L O F L A D I N G

No: 43 138033

Ship From:

Ship Date 28May14 at 0:13 From FNO
ProbillBRALCO METALS #43
15090 NORTHAM STREET
LA MIRADA, CA 90638
Tel: 714 736-4800 Fax: 714 736-4840Via
FOB
Frt OUR TRUCK
Route 2- 20 Manifest
Vhcle Trailer
Slp ZELMIRA MUNIZ
Sold To: (62310)
AVIBANK MFG INCShip To: (2)
AVIBANK MFG INC

Con

Tel 818-392-2135 Fax 818 255-1733

B I L L O F L A D I N G

4) Our Order 43 -540959- 4 Your PO # 762222
Part # Rel # CARMEN

ALUMINUM ROUND 2024 T351

13/16" DIA. X 144.0000"

DOMESTIC 2 DIFERENT HEAT LOTS OK.

	Heat Number	Tag No	Quantity	PCS	Wt LBS
4007030	MA20140207	104491	984 FT	82	612
3028753	MA20133754	104492	24 FT	2	15
		Total:	1,008 FT	84	627
	Balance to Ship		0 PCS	0 FT	0 LBS

5) Our Order 43 -540959- 5 Your PO # 762222
Part # Rel # CARMEN

ALUMINUM ROUND 2024 T351

7/8" DIA. X 144.0000"

DOMESTIC 1-HEAT LOT

	Heat Number	Tag No	Quantity	PCS	Wt LBS
4007651	MA20140449	104494	12 FT	1	9
	Balance to Ship		0 PCS	0 FT	0 LBS

6) Our Order 43 -540959- 6 Your PO # 762222
Part # Rel # CARMEN

ALUMINUM ROUND 2024 T351

1" DIA. X 144.0000"

DOMESTIC 1-HEAT LOT

	Heat Number	Tag No	Quantity	PCS	Wt LBS
607653	20182405	104496	12 FT	1	11
	Balance to Ship		0 PCS	0 FT	0 LBS

	Tags	PCS	LBS
TOTAL:	7	281	1351

B I L L O F L A D I N G		No: 43 138033
Ship From:	BRALCO METALS #43	Ship Date 28May14 at 0:13 From FNO
	15090 NORTHAM STREET	Probill
	LA MIRADA, CA 90638	Via
Tel: 714 736-4800 Fax: 714 736-4840		FOB
		Frt OUR TRUCK
		Route 2- 20 Manifest
		Vhcle Trailer
		Slp ZELMIRA MUNIZ
Ship To: (2)		Sold To: (62310)
AVIBANK MFG INC		AVIBANK MFG INC
11500 SHERMAN WAY		P.O. BOX 9909
NORTH HOLLYWOOD CA 91605		ATTN: ACCOUNTS PAYABLE
Tel: 818-392-2135 Fax: 818 255-1733		NO. HOLLYWOOD CA 91609-1909

Con

Tel 818-392-2135 Fax 818 255-1733

=====

B I L L O F L A D I N G

1) Our Order 43 -540959- 1 Your PO # 762222
 Part # Rel # CARMEN
 ALUMINUM ROUND 2024 T351
 1/2" DIA. X 144.0000"
 DOMESTIC 1- HEAT LOT

	Heat Number	Tag No	Quantity	PCS	Wt LBS
604531	10046927	104487	900 FT	75	212
	Balance to Ship		0 PCS	0 FT	0 LBS

2) Our Order 43 -540959- 2 Your PO # 762222
 Part # Rel # CARMEN
 ALUMINUM ROUND 2024 T351
 9/16" DIA. X 144.0000"
 DOMESTIC 1- HEAT LOT

	Heat Number	Tag No	Quantity	PCS	Wt LBS
597869	10046072	104488	1,008 FT	84	300
	Balance to Ship		0 PCS	0 FT	0 LBS

3) Our Order 43 -540959- 3 Your PO # 762222
 Part # Rel # CARMEN
 ALUMINUM ROUND 2024 T351
 11/16" DIA. X 144.0000"
 DOMESTIC 1-HEAT LOT

	Heat Number	Tag No	Quantity	PCS	Wt LBS
604877	10046931	104489	432 FT	36	192
	Balance to Ship		0 PCS	0 FT	0 LBS

B I L L O F L A D I N G

No: 43 138033

Ship From:

Ship Date 28May14 at 0:13 From FNO

Probill

Via

FOB

Frt OUR TRUCK

Route 2- 20 Manifest

Vhcle Trailer

Slp ZELMIRA MUNIZ

Sold To: (62310)

AVIBANK MFG INC

BRALCO METALS #43

15090 NORTHAM STREET

LA MIRADA, CA 90638

Tel: 714 736-4800 Fax: 714 736-4840

Ship To: (2)

AVIBANK MFG INC

Con

Tel 818-392-2135 Fax 818 255-1733

B I L L O F L A D I N G

RECEIVING HOURS 6-11; 12:-5 NT 8/10

DO NOT SHIP IN THE RAIN

CUST SIGNATURE/MILL TR RECEIVED _____

DATE _____

DRIVERS SIGNATURE _____

DATE _____

BDL 4 /SKD ____/PKG ____/TUBE ____/BAR 2

PIECES ____/GROSS WEIGHT ____

CERTIFICATE OF CONFORMANCE

WE CERTIFY THAT THIS SHIPMENT MEETS THE CUSTOMER PURCHASE ORDER REQUIRMENTS. ALL TEST DATA WAS FURNISHED TO BRALCO METALS BY OUR SUPPLIER OR RESULTED FROM TESTS PERFORMED IN A RECOGNIZED TESTING LAB.

SIGNED

Egbert Dued

TEST REPORT COORDINATOR

THESE COMMODITIES ARE CONTROLLED FOR EXPORT BY THE

B I L L O F L A D I N G

No: 43 138033

Ship From:

Ship Date 28May14 at 0:13 From FNO
Probill

BRALCO METALS #43
15090 NORTHAM STREET
LA MIRADA, CA 90638

Tel: 714 736-4800 Fax: 714 736-4840

Via
FOB
Frt OUR TRUCK
Route 2- 20 Manifest
Vhcle Trailer
Slp ZELMIRA MUNIZ
Sold To: (62310)
AVIBANK MFG INC

Ship To: (2)
AVIBANK MFG INC

Con

Tel 818-392-2135 Fax 818 255-1733

B I L L O F L A D I N G

UNITED STATES GOVERNMENT UNDER THE EXPORT
ADMINISTRATION REGULATIONS.

DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

PURCHASER IS RESPONSIBLE TO COMPLY WITH THESE
REGULATIONS IF THE ITEMS ARE TO BE EXPORTED FROM
THE UNITED STATES OR RE-EXPORTED FROM A FOREIGN
COUNTRY.

K & L Anodizing Corporation
Certification

Order No.: 336842

Date: 10/17/2014

Entry Date: 10/14/2014

Page: 1 of 1

To:

Avibank Mfg. Inc.
11500 Sherman Way
P.o. Box 9909
North Hollywood CA 91609-1909

Purchase Order No.: 769484

Packing List No.:

Material: 2024-T4

326616

We are pleased to provide you with the following Certification. The item(s) described were finished and accepted in accordance with the stated specification
Nadcap Accredited

Quantity	Part Number / Part Name / Part Description	Pounds
5,141	5-4AB Rev. P Button-Handle	

Serial Numbers / Other Numbers: WO# 1441438.

Mil-A-8625 Rev.F Amend. 1
Anodize per Mil-A-8625 Rev. F Am. 1 Type II Class 2 Black.
Mercury Contamination Free.

Insp. Type	Scale	Minimum	Maximum	Number	Other
Customer Requirements:					
Visual					Sample or 100%

Lot Sample Size#200

Notice: All finishing completed by K & L Anodizing will carry a liability not to exceed the amount of the finishing charges for the work done on any material. The only exception shall be by written agreement signed by both parties

CERT REVIEW

MAIN LOT #

1474280

COMPONENT LOT #

1441438

NAME

Button Handle

CLERK: _____



Q. C. Review

Sig. *Nmaye*

Date

10/17/14

Lot# 1479334

Nadcap AS7003 #4908143853 10/31/2015
Nadcap AC7108 #4908158450 10/31/2015

Maria Mier
Maria Mier
K.L Cert Department
K & L Anodizing Corp.

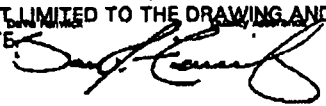


Linear Motion. Optimized.

SHIP TO: AVIBANK MFG INC
11500 SHERMAN WAY
NORTH HOLLYWOOD CA 91605
United States

CERTIFICATE OF CONFORMANCE

DELIVERY NAME: 2989016	DATE PRINTED: 21-MAY-2014	PAGE: 1 of 1
SHIP FROM: ABEK LLC 492 Birch Street Bristol CT 06010 United States		
Tel: (860) 314-3921 Fax: (860) 314-3942		
BILL TO: AVIBANK MFG INC 11500 SHERMAN WAY NORTH HOLLYWOOD CA 91605 United States		

PICK-UP DATE: 21-MAY-2014	SHIP METHOD: UPS-Truck-Ground	FREIGHT TERMS: COLLECT - FROM ORIGIN	FSCM:					
DELIVERY TERMS EXWORKS FACTORY	TAX NAME: EXEMPT	CUSTOMER TAX NUMBER:	WAYBILL: 120178470369496512					
SHIPPING INSTRUCTIONS: ACCT# 60X10X		TAG NUMBER/REF:	PO REF#:					
ITEM NUMBER	REFERENCE ITEM	ITEM DESCRIPTION	CUSTOMER PO NO.	ORDER NO.	LINE ORDER NUMBER	UOM	QTY ORDERED	QTY SHIPPED
SS0078121CRCDF	SS0078121CRCDF	5/64 440C GRADE 100 OK (R/C - DFAR) - SS0078121CRCDF	760205	1841453	1.1	MPC	100.0	109.36
COUNTRY OF ORIGIN: ****EAR99****		United States						
Lot Number L0012834 L0012833	Quantity 55.05 54.31	Heat Number G16861R09 G16861R09	Hardness Test HRC HRC				Hardness 60-61 60-61	
Material meets DFAR 252.225-7009:7014. Material certs meet ASTM F-2215. Material meets AMS QQ S 763 and AMS 5630 Heat Treat meets AMS 2759/5								
Country of Origin (Ball manufactured): USA Country of Melt (Material manufactured): USA								
These commodities, technology or software, if being exported from the United States must be exported in accordance with the Export Administration Regulations. Diversion contrary to U.S. Law is prohibited.								
CERT REVIEW								
MAIN LOT # 1474280								
COMPONENT LOT # KB40117								
NAME BALL								
CLERK: --- -- --								
NUMBER OF PACKAGES 1			GROSS WEIGHT 8.0 LB			VOLUME 00 L		
THE UNDERSIGNED, INDIVIDUALLY, AND AS THE AUTHORIZED REPRESENTATIVE OF THOMSON INDUSTRIES INC., WARRANTS AND REPRESENTS THAT; ALL THE INFORMATION SUPPLIED ABOVE IS TRUE AND ACCURATE; THE MATERIAL COVERED BY THIS CERTIFICATION CONFORMS TO ALL CONTRACT REQUIREMENTS (INCLUDING BUT NOT LIMITED TO THE DRAWING AND SPECIFICATIONS); THE INSPECTION AND THE ANALYSIS HEREIN ARE TRUE AND ACCURATE.								
								
QUALITY ASSURANCE MANAGER AUTHORIZED SIGNATURE								

PERTH, ON
 ERIN, ON
 DUMAS, AL
 LANCASTER, SC
 FOND DU LAC, WI

813-267-3752 FAX 813-267-6817
 518-833-4832 FAX 518-833-2213
 870-282-2880 FAX 870-382-6088
 803-283-3353 FAX 803-283-8303
 920-826-0609 FAX 920-826-0852



CENTRAL WIRE

UNION, IL
 HOUSTON, TX
 PERRIS, CA

815-823-2131 FAX 815-813-2128
 713-468-1000 FAX 713-468-7428
 951-867-2108 FAX 951-843-0061

THE LEADING MANUFACTURER OF STAINLESS STEEL, NICKEL ALLOYS AND WELDING WIRE PRODUCTS
 EXECUTIVE OFFICES: PERTH, ON CANADA - EMAIL: sales@centralwire.com

CENTRAL WIRE LANCASTER
 1882 CASKEY ROAD, LANCASTER
 SOUTH CAROLINA U.S.A 29720

CERTIFICATE OF CONFORMANCE

SOLO
 TO

SHIP
 TO

CUSTOMER'S PO NO. 028994-00	TYPE OF CERT Customer	CUSTOMER 121470	ORDER NO. 1157709	1	WORK ORDER 4116821	DATE SHIPPED 1/21/11
SPECIFICATIONS: ROD TENSILE 118.0 (UNITS KSI)						

ITEM DESCRIPTION			
DESCRIPTION		SPEC. CLASS	HEAT
Forming 440C ANNEALED Black .1200 Coils Std. Clean	Melt mill USA Country of origin USA		G16861R09
		QTY SHIP 2478	035

CHEMICAL ANALYSIS						
C 1.03 ✓	MN .76 ✓	SI .29 ✓	S .003 ✓	P .014 ✓	CR 16.98 ✓	W < .05
V .05	NI .32 ✓	MO .49 ✓	CO < .05	CU < .03 ✓	SN .005	CB .01
AL < .01 ✓	TI < .01	N .046				

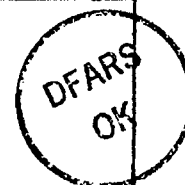
MECHANICAL PROPERTIES							
AS SHIPPED PROPERTIES: DIAMETER .1201							
TENSILE 97.800 KSI	HARDNESS 92.000						
AFTER HEAT TREAT PROPERTIES:							

ASM 5630 AMS 5618 AMS 5680
 AMS-QQ-S-763
 ASTM A758
 ASTM-F2215

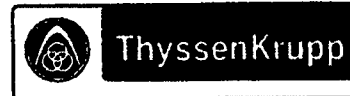
The material as shipped is free from mercury contamination. I certify the chemical analysis and physical and mechanical test results reported above are correct as contained in the records of the company.

Very truly yours,

Debbie Singh
 AUTHORIZED SIGNATURE



ThyssenKrupp Materials NA
One Source Group
Copper and Brass Sales



ThyssenKrupp Materials NA 13338 Orden Drive Santa Fe Springs CA 90670

DELIVERY NOTE

AVIBANK MFG INC
11500 SHERMAN WAY
NORTH HOLLYWOOD CA 91605-5827



DATE: 09/30/2014
DOC. NO: 2403417778*
BOL. NO: 2403417778
ORDER NO: 1402111949
YOUR P/O: 757697
LOADING NO: 3610540103
CUSTOMER NO: 10009895
Route: C2AC2
CONTACT: Ginger M Sanchez
TEL: 562-215-4398 ext 54398
FAX: 800-926-8310 ext 8310
EMAIL: Ginger.sanchez@thyssenkrupp.c

**ALL S/S BAR MUST BE DFARS COMPLIANT
UNLD BY FORK: Y**

**RCVG HOURS: 6-4PM MON-FRI LNCH 12-12:30PM
6-4PM MON-FRI LNCH 12-12:30PM MAX SKID WT: 2000 MAX BUNDLE
WT: 2000**

Deliveries are carried out for your account and risk acc. to our Gen. Terms & Cond. of Delivery and Payment.

ITEM	DESCRIPTION	NET QTY1 / QTY2	PACKAGE NO.	
0010	XSSRD05811	12,000	1004669647	
	T-17-4 Stainless Steel Cold Finish Cond A Round	Feet	1004669648	
	0.2550 " (+ -.001) X 144 Mill Length	2,061.682 lb		
	Actual Chemistry/Act. Physical			
	Standard Packaging			
TAGNUMBER	QUANTITY	UOM	VENDOR VENDORPO HEAT/LOT PCS	
1004412489	6420	FT	CBS Chica 5560109168 E140431	
SAE AMS 5643 T				
2000824165	5580	FT	5560109168 E140431	
SAE AMS 5643 T				

Total Gross Weight 2161.682 lb

All items, not declared as partial delivery, are final quantities.
Delivery Terms: PPD gem. Incoterms 2000 Prepaid

CERTIFICATION OF COMPLIANCE

We hereby certify that mercury or any of its compounds are not used in the processing and distribution of our products. The products we distribute are not hazardous in their received state.

For MSDS sheets go to www.copperandbrass.com. We hereby certify that the material above complies with the above specifications

John R Zambetti - Director of Quality Assurance

LOT #1474351

OCT 02 2014



CERT REVIEW

MAIN LOT #

1474280

COMPONENT LOT #

1474659

NAME

BODY

CLERK: ...



MATERIAL CERTIFICATION

An ISO 9001:2008 Registered Company

611 W. Lamm Rd. Freeport, Illinois 61032

QSD-007 Rev 6 (04/16/2014)

CERTIFICATE DATE: 7/17/14 CUSTOMER: COPPER & BRASS
ORDER#: 210013 CUSTOMER PO#: 6400218116-R05 LINE 4
MATERIAL: 17-4PH DESCRIPTION: .255" X 12"
HEAT NUMBER: E140431 QTY. SHIPPED: 4,728 LBS
CONDITION: A PART#: XSSRD05811

CHEMICAL COMPOSITION (WEIGHT PERCENT)

C	Mn	Si	S	P	Ni	Cr	Mo	Other Elements
.018	.730	.363	.027	.025	4.66	15.34	.170	B=.0012 Sn=.008 V=.050 W=.020 As=.008 Ca=.0024 Pb=.0002
Cu	Co	N	Fe	Al	Nb(Cb)	Ta	Ti	-
3.449	.072	.029	-	.002	.244	.001	.001	-

MECHANICAL VALUES

ULTIMATE TENSILE STRENGTH (KSI)	0.2% OFFSET YIELD STRENGTH (KSI)	ELONGATION (%) (IN 2")	RED. OF AREA (%)	HARDNESS
135	125	18	66	279 HB

AFTER HEAT TREAT CAPABILITIES - H900 900F 1 HR AIR COOL

ULTIMATE TENSILE STRENGTH (KSI)	0.2% OFFSET YIELD STRENGTH (KSI)	ELONGATION (%) (IN 2")	RED. OF AREA (%)	HARDNESS
206	202	11	51	412 HB

ADDITIONAL REMARKS:

This material meets the chemistry specifications for:

AMS 5643R, ASTM A564-13, ASTM A484-13a, ASME-SA-564 CHEM & MECH. Macro & Micro Structures OK per AMS 5643. Delta Ferrite=.6%. RoHS COMPLIANT. DFARS COMPLIANT.

MELT ORIGIN: ENGLAND

MATERIAL IS MANUFACTURED IN THE UNITED STATES OF AMERICA

QUALITY REPRESENTATIVE:

Robert Pierson - Quality Engineer

LOT #1474351

OCT 02 2014

• When shipped, Material is free from MERCURY, other LOW TEMPERATURE MELTING ELEMENTS and RADIOACTIVE (Radion, Alpha and Gamma source) Contamination.
• We certify that the above information is correct as contained in the records of the company. All T.S.M. certifications apply only to the Raw Material aspects of any: Purchase Order, Drawing, Specification, and Standard. Any reference to Finished Product is not applicable to T.S.M., whether listed or implied herein.
• Material complies with Section 1502 of Dodd Frank, Conflict Minerals, Final Rule, August 22, 2012, U.S.A., 30 C.F.R. 1502.1-1
• Certificate of test is prepared in accordance with paragraph 3.1 of EN 10204 (DIN 50049). We certify that the test data included herein are in accordance with the purchase order and specification requirements as documented in this certificate of test. Test methods are per the ASTM standards on file and in effect at the time of order acceptance, standard practices, or as agreed upon between Tri Star Metals and Customer.
• The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes including Federal Law Title 18, Chapter 47. This document may not be reproduced, except in full, without the written consent of Tri Star Metals, LLC.

PAGE 1 of 1

From: ThyssenKrupp Materials NA

Cust. AVIBANK MFG INC

Del.: 2403417778

CstAr

CstOr 757697

Wgt.: 2,061.682 LB

Date 09/30/2014

John J. Zambetti

Prüf-Nr
Test certificate No **80954**
No du certificat
In Accordance With EN 10204.3.1

Rechnungs-Nr
Invoice/Cons No
No de facture

73027

Bestell-Nr
Customer Order No
No de commande client

250402

ADDRESS

Tri Star Metals LLC
611 W.Lamm Rd
Fresport ,
Illinois 61032
USA
61032

Werkz.Nr
Werkz. Order No
No de commande client

AV202584/01

Werkz. Bezeichnung
Werkz. Partikel
Werkz. Partikel

SOFTENED AND DESCALED

Werkz. Form
Werkz. Form

7.00 mm Round

Werkz. Menge
Werkz. Menge

21 rod coils for 14.955t

Werkz. Nr
Werkz. Nr
No de Client

E140431

Schmelzanalyse

Cast Analysis

Analyse de Coulée

%C	%Si	%Mn	%P	%S	%Cr	%Ni	%Cu	%Ti	%Nb	%Al	%N
0.0180	0.3630	0.7300	0.0250	0.0270	15.3400	0.1700	4.6900	0.0010	0.2440	0.0020	0.0012
%Co	%Cu	%Ni	%N	%V	%W	%As	%Ca	%Ta	%Pb		
0.0720	3.4480	0.0090	0.0290	0.0500	0.0200	0.0080	0.0024	0.0010	0.0002		

Mech und phys Eigenschaften

Mechanical and Physical Properties

Caractéristiques mécanique

0.2%PS KPSI	1.5%PS KPSI	UTS KPSI	Dehnung % Elongation % Allongement %	RA%	Korngröße Grain Size Taille de grain	Starr Hardness Dureté	Hb	Charpy (J)	Ferrite Content %	Schaeffler Ferrite %
120.382	133.870	138.826	1.0	67.3	7.0 7.0		318.00			
De Long Ferrite %	WRO 1992 Ferrite %	H800 0.2%PS	H900 UTS	H900 A40	H900 RA	H800 Hardness	Clearness			
							Intercrystalline Corrosion Test			
Bend							Ovality	Microstructure	Macrostructure	

Additional Information

Delta Ferrite -0.6%

Rp0.2 202kpsi UTS 208kpsi El 11.1% RoTA 51% Hb 412

Free from known Mercury or Radium Contamination

Supplied as Condition A

Solution annealed at 1900F +/- 25 for 1.5Hrs

Material free from welds

Material melted and rolled in Sheffield, England by Outokumpu Stainless Ltd.

Melting Practice:- BAP & AOD Ultrasonic to AMS2630 & Magnatic Particle to AMS 2383 both Pass No Chi or Sigma phase at 100x per ASTM E407 Macro and Micro structure OK per AMS 5643 Chemistry, melt practice, material Integrity and capability of meeting spec. ASME/ASTM A564, AMS 5643, ASTM A484

ESHQ Manager

Rob Charlesworth

Delim
Date

25/04/2014

This order was manufactured according to a Quality System registered to ISO 9001:2008 and approved by TÜV Nord. Certificate Registration No. 44 165 118408

LOT #1474351

OCT 02 2014

[illegible][illegible]

Small businesses make good investments
 Los Angeles, Calif. (AP)—Small businesses that are not in the "red" category of the Federal Reserve's Small Business Index and that have not been in the red for more than one year are the best investments for investors, according to a study by the Federal Reserve Bank of San Francisco. The study found that small businesses that are not in the red and have not been in the red for more than one year are the best investments for investors, according to a study by the Federal Reserve Bank of San Francisco. The study found that small businesses that are not in the red and have not been in the red for more than one year are the best investments for investors, according to a study by the Federal Reserve Bank of San Francisco.

testcent v 1.12

From: ThyssenKrupp Materials NA

Cust. AVIBANK MFG INC

Del.: 2403417778

CstAr

CstOr 757697

Wgt.: 2,061.682 LB

Date 09/30/2014

John R. Zambotti

TRI STAR METALS, LLC
611 WEST LAMM ROAD
FREEPORT, IL 61032
An ISO 9001:2008 Registered Company

CERT REVIEW

MAIN LOT #
1474280

COMPONENT LOT #
1474665

NAME
SPINDLE

CLERK:

CERTIFICATE DATE: 4/30/14

CUSTOMER: COPPER & BRASS

ORDER#: 209821

CUSTOMER PO#: 5400218422-R05 LINE 2

MATERIAL: 17-4PH ✓

DESCRIPTION: .130" X 12"

HEAT NUMBER: E131838

QTY. SHIPPED: 1,837 LBS

CONDITION: A

PART #: X66RD06808

CHEMICAL COMPOSITION

C	Mn	Si	S	P	NI	Cr	Mo	Other Elements
.0120	.7300	.3290	.0270	.0280	4.6800	15.3400	.2000	Fe=.0010 Nb=.2500 Al=.0100 B=.0016 Co=.0890 Cu=3.3140 Sn=.0120 N=.0340 V=.0600 W=.0200 As=.0070 Ca=.0015 Ta=.0020 Pb=.0002

MECHANICAL VALUES

TENSILE (KSI)	YIELD (KSI)	ELONGATION (%)	REDUCTION OF AREA (%)	HARDNESS
145	125	10	39	286 HB

AFTER HT CAPABILITIES 900F 1 HOUR AIR COOL

TENSILE (KSI)	YIELD (KSI)	ELONGATION (%)	REDUCTION OF AREA (%)	HARDNESS
204	201	11	54	410 HB

ADDITIONAL REMARKS:

This material meets the chemistry specifications for ASTM A504-04, RoHS COMPLIANT, SAE AMS 5643R. DFARS COMPLIANT. ACTUAL CHEMISTRY/ACTUAL PHYSICAL

MATERIAL IS FREE FROM MERCURY CONTAMINATION, EN10204 3.1.B
COUNTRY OF MELT: ENGLAND ✓

MATERIAL IS MANUFACTURED IN THE UNITED STATES OF AMERICA

I hereby certify that this data is correct as contained in the records of this company.

QUALITY CONTROL REPRESENTATIVE:

QSD-007 REV. ORG. 4/17/2013

Robert Pierson - Quality Engineer



21 25 14

1456009

From: ThyssenKrupp Materials NA

Cust. AVIBANK MPG INC

Del.: 2403276757

CstAr

CstOr 757697

Wgt.: 402 LB

Date 07/18/2014

John L. Zambetti

Outokumpu Stainless Ltd.
 APR Rod Mill
 Cleveland Road
 Sheffield, S8 3XG
 Telephone: +44 (0) 114 242 1124
 Fax: +44 (0) 114 242 2122



Prod-Nr
 Test certificate No 79864
 No du certificat
 In Accordance With EN 10264.3.1

Rechnungs-Nr Invoice/Quas No No de facture	71258	Bestell-Nr Customer Order No No de commande client	249212	NORM 17/4PH(630) Rev.08-13-11 (UNE 517400) COND. A
--	-------	--	--------	---

ADDRESS Tri Star Metals LLC 811 W. Lamon Rd Prospect, Illinois 61032 USA 61032	Material AV20237881
	Surface SOFTENED AND DESCALED
	Grain Size 5.50 mm Round
	Weight 21 red coils for 14.447t
	Inspection E131836

Schmelzanalyse						Cast Analysis						Analyse de Coûtes					
Si	Mn	Ni	Cr	Mo	N	Si	Mn	Ni	Cr	Mo	N	Si	Mn	Ni	Cr	Mo	N
0.0128	0.0290	0.7300	0.0280	0.0270	15.3400	0.2000	4.8800	0.0010	0.2300	0.0100	0.0018						
0.0080	0.0140	0.0120	0.0340	0.0000	0.0200	0.0070	0.0010	0.0020	0.0002								

Mech und phys Eigenschaften				Mechanical and Physical Properties					Caractéristiques mécaniques		
0.2%PF kPSI	1.0%PF kPSI	UTS kPSI	Elongation % Allongement %	RA%	Homogeneity Grain Size Taille de grain	Hardness Hb	Charpy (J)	Purity Content %	Schneider Purity %		
116.700	133.000	136.901	1.3	68.2	7.0 7.0	311.00					
De Long Purity %	Y800 1963 Purity %	H800 02%PF	H800 UTS	H800 A4D	H800 RA	H800 Hardness	Intermetallic Corrosion Test				
Beam	Orbital	Microstructure		Microstructure							

Additional Information
 Data Purity 0.43%
 Ref. 3-2014/11 UTS 304ksi El 11.1% RoA 84% Hb 410
 Free from known Mercury or Radium Contamination
 Conforms with AMS 5622 & 564, AMS 5622 & 5643
 Supplied as Condition A
 Milling Practice: EAF and AOD
 Solution annealed at 1900F +/- 25 for 1.5hrs
 Material free from welds
 Tested in accordance with AMS 2630 & 2203 ASTM E487

Material melted and rolled in Sheffield, England by Outokumpu Stainless Ltd.
 Milling Practice: EAF & AOD Ultrasonic to AMS 2630 & Magnetic Particle to

ESIG Manager

 Rob Charlesworth
 Date 04/02/2014

This certificate is issued in accordance with a Quality System
 registered to ISO 9001:2008 and approved by BSI
 Certificate Registration No. 21 102 1000

AVS
 56
 INSP
 1456009
 JUL 26 '14

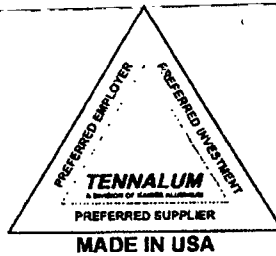
...the use of this certificate is limited to the specific material and condition described herein and is not valid for any other material or condition. The user of this certificate is responsible for ensuring that the material and condition described herein are suitable for the intended application. The user of this certificate is also responsible for ensuring that the material and condition described herein are in accordance with the relevant standards and specifications. The user of this certificate is also responsible for ensuring that the material and condition described herein are in accordance with the relevant standards and specifications. The user of this certificate is also responsible for ensuring that the material and condition described herein are in accordance with the relevant standards and specifications.

From: ThyssenKrupp Materials NA

Cust. AVIBANK MFG INC Del.: 2403276757
 CstAr CstOr 757697
 Wgt.: 402 LB Date 07/18/2014

KAISER ALUMINUM FABRICATED PRODUCTS

Tennalum
309 Industrial Drive
Jackson, TN 38301
731-423-2811



CERTIFIED TEST REPORT
<http://Online.KaiserAluminum.com>

CUSTOMER PO NUMBER: 43-118428-1		CUSTOMER PART NUMBER:		PRODUCT DESCRIPTION: Cold Finished Round	
KAISER ORDER NUMBER: 697769	LINE ITEM: 1	SHIP DATE: 08/01/2014	ALLOY: 2024 ✓	TEMPER: T4 ✓	
WEIGHT SHIPPED: 2584 lbs.	QUANTITY: 2312 pcs.	B/L NUMBER: 37166	DIAM/DAF/THKNS: 0.3125 in. ✓	WIDTH: 0.000 in.	LENGTH: 144.0 in.
SHIP TO: Bralco Metals 15090 Northam Street La Mirada, CA 90638 USA			SOLD TO: Bralco Metals 15090 Northam Street La Mirada, CA 90638 USA		

Test Code: 1000 AC

Actual Physical Properties

Lot Number	LONG. UTS ksi	LONG. YTS ksi	LONG. ELONG. %
10048664	71.5 71.9 72.0	59.8 59.6 59.2	17.0 17.5 17.5

Chemical Composition, WT. % (Aluminum Remainder)

	Si ✓	Fe ✓	Cu ✓	Mn ✓	Mg ✓	Cr ✓	Zn ✓	Ti ✓	OTHERS EACH ✓	OTHERS TOTAL ✓	Lot
Actual	0.111	0.229	4.574	0.784	1.329	0.009	0.165	0.0194			10048664
Max	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15	0.05	0.15	
Min			3.8	0.30	1.2						

Specifications

Standard: ISO 9001, ASTM B211-12, AMS 4120R, AMS-QQ-A-225/6A ✓

**THIS METAL HAS NOT BEEN
EXPOSED TO MERCURY OR MERCURY
CONTAINING COMPOUNDS WHILE IN THE
POSSESSION OF BRALCO METALS**

Q. C. Review

Sig. *Namaj*
Date 10/9/14

Lot # 1474331

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ("Kaiser") hereby certifies that the metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

John Rennekamp, Quality Manager

John Rennekamp

Page 1 of 2

Plant Serial: 206609
Kaiser Order Number: 697769

CERT REVIEW Line Item: 1

MAIN LOT # 1474380
COMPONENT LOT # 14622091
NAME BUTTON

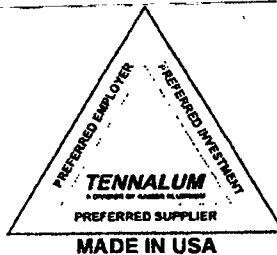
Sold to: AVIBANK MFG., INC. PO: 768600 Part: Order No.: 600661

TR clerk signature: *Ana et Tinaiero*

KAISER ALUMINUM

FABRICATED PRODUCTS

Tennalum
309 Industrial Drive
Jackson, TN 38301
731-423-2811



CERTIFIED TEST REPORT
<http://Online.KaiserAluminum.com>

Miscellaneous Notes

Made in USA

This material was melted and manufactured in the USA. Mercury is not a normal contaminant in aluminum alloys. Neither mercury nor any of its compounds were utilized by Kaiser Aluminum in the manufacture of this material. AS9100C:2009 The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

This material meets the requirements of QQ-A-225/6E Amendment 1 (CANCELLED). This material is RoHS 2 compliant.



Q. C. Review

Sig. *Namuyz*

Date *10/9/14*

Lot # 1474331

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ("Kaiser") hereby certifies that the metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

John Rennekamp, Quality Manager

John Rennekamp

Plant Serial: 206609

Kaiser Order Number: 697769

Line Item: 1

Page 2 of 2

Sold to: AVIBANK MFG., INC. PO 768600 Part: Order No.: 600661

TR clerk signature: *Anna J. Timmons*

K & L Anodizing Corporation
Certification

Order No.: 337703
Date: 10/29/2014
Entry Date: 10/22/2014
Page: 1 of 1

To:

Avibank Mfg. Inc.
11500 Sherman Way
P.O. Box 9909
North Hollywood CA 91609-1909

327767

Purchase Order No.: 769924
Packing List No.:
Material: 2024-T4

We are pleased to provide you with the following Certification. The item(s) described were finished and accepted in accordance with the stated specification
Nadcap Accredited

Quantity	Part Number / Part Name / Part Description	Pounds
2,500	73-4AB Rev. D Button	

Serial Numbers / Other Numbers: WO# 14622091.

Mil-A-8625 Rev.F Amend. 1
Anodize per Mil-A-8625 Rev. F Am. 1 Type II Class 2 Blue.
Mercury Contamination Free.

Insp. Type	Scale	Minimum	Maximum	Number	Other
Customer Requirements:					
Visual					Sample or 100%

Lot Sample Size#125

Notice. All finishing completed by K & L Anodizing will carry a liability not to exceed the amount of the finishing charges for the work done on any material. The only exception shall be by written agreement signed by both parties.

CERT REVIEW

MAIN LOT #

1474280

COMPONENT LOT #

14622091

NAME

BUTTON

CLERK: .. - - - -



Q. C. Review

Sig. *[Signature]*

Date 10/30/14

Lot # 1483158

Nadcap AS7003 #4908143853 10/31/2015
Nadcap AC7108 #4908158450 10/31/2015

[Signature]
Maria Mier
K & L Cert Department
K & L Anodizing Corp.

Fairbanks Wire Corp

260 Industrial Drive
Hampshire, IL 60140
847-683-2600

CERTIFICATION

We certify the following information for the purchaser indicated:

PURCHASER: Avibank Mfg Inc

MATERIAL: Type 17-7PH Stainless Steel Wire
Spring temper
Non metallic, soap coated finish

SIZE: 0.0180 $+0.0003$
 -0.0003

PURCHASER'S ORDER NUMBER: 761267

SPECIFICATION NUMBER: AMS 5678f

NO. COILS & NET WEIGHT: 1x Spools
25 Lbs.

HEAT NUMBER: E130335

TENSILE: 290900 PSI

DFARS: Melt:England Mill:USA--Tensiles:
CondC:290,900psi/CH900:335,464psi-- Mercury free

ANALYSIS:

C	Mn	P	S	Si	Cr	Ni	Mo	N	Cu	Cb	Ta
0.078	0.85	0.025	0.001	0.36	16.62	7.6	0.14	0.024	0.19	0.01	0.001

Co
0.1

CERT REVIEW

MAIN LOT #

1474280

COMPONENT LOT #

KBY0143

NAME

SPRING

CLERK:

Al Ti
0.918 0.01

Barb Holz *Barb Holz*
Office Manager
Fairbanks Wire Corporation
5/14/2014

Document #: QD-007 Rev: 00.11.05



LOT # 1442207

MAY 26 2014